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S. DEPARTMENT OF COMMERCE ATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 33476US1

SERIAL NO. 10/615,442

INFORMATION DISCLOSURE CITATION

APPLICANT: Masanori Konishi

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| gry | L | 2133259 | 7/1984 | United | Kingdom | <u> </u> | | |
| 25 | M | 4438871 | 5/1996 | Ge | rmany | ļ | ļ | |
| CJAN | N | 4438870 | 5/1996 | Ge | rmany | ļ | <u> </u> | |
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| | | OTHER REFERENCE | CES (Includi | ng Author, | Title, Date, Pe | ertinent Pag | es, Etc.) | |
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APPLICANT: Masanori Konishi

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(USE SEVERAL SHEETS IF NECESSARY) [Pg.1 of 3]

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date If Appropriate |
|---------------------|---|--------------|--------|--------------------|-------|----------|----------------------------------|
| 20% | A | 3,127,112 | 3/1964 | McCammon et al. | 392 | 422 | |
| ~/ / / · | В | 6,041,164 | 3/2000 | Hofius, Sr. et at. | 392 | 407 | |
| 7.7 | С | 5,628,859 | 5/1997 | Janin et al. | 156 | 273.3 | |
| your. | D | 5,091,632 | 2/1992 | Hennecke et al. | 219 | 553 | |

FOREIGN PATENT DOCUMENTS

| | | | Document No. | Date | Country | Class | Subclass | Translation |
|--------------|---|---|--------------|---------|---------|-------|----------|---------------------------|
| Fo | 8 | E | 61-7889 | 1/1986 | Japan | | | cited in Search Report |
| | | F | 11-214125 | 8/1999 | Japan | | | English abstract |
| | | G | 57-13681 | 1/1982 | Japan | | | cited in Search Report |
| | | Н | 11-54092 | 2/1999 | Japan | | | English abstract |
| | | I | 11-214126 | 8/1999 | Japan | | | English abstract |
| | | J | 63-45757 | 11/1988 | Japan | | | cited in Search Report |
| | | K | 7-230795 | 8/1995 | Japan | | | English abstract |
| | | L | 4-324277 | 11/1992 | Japan | | | English abstract |
| 29 | 7 | M | 64-65790 | 3/1989 | Japan | | | English abstract |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | | | | |
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APPLICANT: Masanori Konishi

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| | | | | PATIBINI DOCUI | | | | 4 4 4 | Translation |
| ^ - | | Document No. | Date | Country | Cli | ass | Subcla | iss | Translation |
| Jan X | F | 62-74779 | 5/1987 | Japan | | | | | cited in Search Report |
| | G | 61-53884 | 4/1986 | Japan | | | | | cited in Search Report |
| | Н | 9-42684 | 2/1997 | Japan | | | | | English abstract |
| | I | 2-140519 | 5/1990 | Japan | | | | | English abstract |
| | J | 63-116804 | 7/1988 | Japan | | | | | cited in Search Report |
| | К | 11-54092 | 2/1999 | Japan | | | | | English abstract |
| | L | 7-288175 | 10/1995 | Japan | | | | | English abstract |
| gry | М | 2000-228271 | 8/2000 | Japan | | | | | English abstact |
| | A S | OTHER REPERE | NCBS (luc | lading Author, Title, | Dote Pari | itaear l | Poges. E | he.j) | |
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